

033004
05909 U.S.PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(ONLY FOR NEW NONPROVISIONAL APPLICATIONS UNDER
37 CFR 1.53(B))

Attorney Docket No. 46162-00008USPT

First Inventor Yaoming Zhang

Title DIRECTED REFLECTION LIGHT COLLECTING
DEVICE WITH PLANAR REFLECTORS

Express Mail Label No. EV382165639US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(SUBMIT AN ORIGINAL, AND A DUPLICATE FOR FEE)
 2. Applicant claims small entity status.
See 37 CFR 1.27.
 3. Specification [Total Pages 29]
- (preferred arrangement set forth below)*
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
 5. Oath or Declaration [Total Sheets]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**
**SIGNED STATEMENT ATTACHED DELETING
INVENTOR(S)**
NAMED IN THE PRIOR APPLICATION,
SEE 37 CFR 1.63(D)(2) AND 1.33(B).

 6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13.
14. Preliminary Amendment
15. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
16. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
17. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
18. Other: Check # 159407 in the amount of \$385.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____

Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number: 24238 OR Correspondence address below

Name	JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION J. Benjamin Bai		
------	--	--	--

Address	5 Houston Center 1401 McKinney, Suite 2700		
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City	Houston	State	TX	Zip Code	77010
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Country	US	Telephone	(713) 951-3300	Fax	(713) 951-3314
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Name (Print/Type)	Daniel G. Nguyen	Registration No. (Attorney/Agent)	42,933
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Signature	<i>Daniel G. Nguyen</i>	Date	March 30, 2004
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 382165639 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 30, 2004

Signature: *Daniel G. Nguyen* (Daniel G. Nguyen)17513 U.S.PTO
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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 457.00)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Yaoming Zhang
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	46162-00008USPT

METHOD OF PAYMENT (check all that apply)

Check CREDIT CARD MONEY ORDER OTHER NONE

Deposit Account:

Deposit Account Number **10-0447**

Deposit Account Name **Jenkins & Gilchrist, a Professional Corporation**

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) or any underpayment of fee(s)
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity				
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid		
1001 770	2001 385	Utility filing fee	385.00		
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)		385.00			

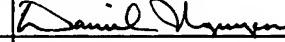
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	28	-20** =	8 x 9.00 =	72.00
Independent Claims	1	-3** =	0 x _____ =	
Multiple Dependent				

Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description		
1202 18	2202 9	Claims in excess of 20		
1201 86	2201 43	Independent claims in excess of 3		
1203 290	2203 145	Multiple dependent claim, if not paid		
1204 86	2204 43	** Reissue independent claims over original patent		
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2) (\$)		72.00		

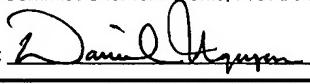
** or number previously paid, if greater; For Reissues, see above

Large Entity	Small Entity				
Fee Code (\$)	Fee Code (\$)	Fee Description			
1051 130	2051 65	Surcharge – late filing fee or oath			
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet.			
1053 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	REQUESTING PUBLICATION OF SIR AFTER			
1251 110	2251 55	Extension for reply within first month			
1252 420	2252 210	Extension for reply within second month			
1253 950	2253 475	Extension for reply within third month			
1254 1,480	2254 740	Extension for reply within fourth month			
1255 2,010	2255 1,005	Extension for reply within fifth month			
1401 330	2401 165	Notice of Appeal			
1402 330	2402 165	Filing a brief in support of an appeal			
1403 290	2403 145	Request for oral hearing			
1451 1,510	1451 1,510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive – unavoidable			
1453 1,330	2453 665	Petition to revive - unintentional			
1501 1,330	2501 665	Utility issue fee (or reissue)			
1502 480	2502 240	Design issue fee			
1503 640	2503 320	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)			
1806 180	1806 180	Submission of Information Disclosure Stmt			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))			
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))			
1801 770	2801 385	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)		0.00			

(Complete if applicable)					
Name (Print/Type)	Daniel G. Nguyen	Registration No. (Attorney/Agent)	42,933	Telephone	(713) 951-3354
Signature				Date	March 30, 2004

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Dated: March 30, 2004

Signature:  (Daniel G. Nguyen)

Certificate of Express Mailing Under 37 CFR 1.10

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Commissioner for Patents
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Alexandria, VA 22313-1450

on March 30, 2004
Date


Signature

Daniel G. Nguyen
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application
Drawings
IDS (Citation) by Applicant
Information Disclosure Statement
One Reference
Utility Transmittal
Fee Transmittal
Application Data Sheet
Certified Copy of Priority Document
English Translation
Postcard

CERTIFICATE

THE ATTACHMENT OF THE CERTIFICATE IS THE COPY OF THE
FOLLOWING PATENT APPLICATION FILED TO THE SIPO

Application Date: August 21, 2003

Application Number: 03152803.1

Application Sort: Invention

Title of Invention: Directed Reflection Light Collecting Device with
Planar Reflectors

Applicant: ZHANG, Yaoming, ZHANG, Zhenyuan, ZHANG, Wenjin

Inventor: ZHANG, Yaoming, ZHANG, Wenjin, SUN, Liguo, ZHANG,
Zhenyuan, LIU, Xiaohui, SHEN, Zhaohong, XU, Mingquan,
CHEN, Qiang

Commissioner of The Chinese State Intellectual Property Office

WANG, Jingchuan

March 18, 2004